

Work Order ID 56722

March 5, 2010 9:59:52 AM



Page 1

Item ID: D412-742-011

Accept



Setup

Start



Revision ID:

Item Name: Float Skidtube Installation

Stop



Start Date: 05/03/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 17/03/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: *PL*

Date: 10-3-05 Tooling:

Date:

Run

Start



QC:

Date: SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr	Revision Nbr
IIN-D412-742	D

100



DOCUMENT CONTROL

DC

Document Control

Memo

0.00

Photocopy bluefile and create labels per PPP D412-742-011 CHG006

S 10-07-23
H for BG 10/07/16

110



Pick Kit

0.00

Packaging

Memo

0.00

Packaging

10-7-19 (20)
SL

120



QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.00

Quality Control

S 10-07-23
10
B 56716

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 56722



Parent Item: D412-742-011



Parent Item Name: Float Skidtube Installation

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev: B 06-06-08 As per DSI9336 JLM
IPP Rev: C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Start Qty: 1.00

Required Date: 17/03/2010

Required Qty: 1.00

MS21043-3



Nut

Purchased

No

100

Each

4,196.000 33.0000



10.7.2010

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

OFFSHORE

FG	80	
103691	80	

Main Warehouse

ST	4116	
111819	70	
112243	29	
112314	4017	

AN3C37A



BOLT

Purchased

No

110

Each

84.0000 3.0000



33

10.7.2010

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Main Warehouse

ST	84	
112454	84	

3

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DCA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56722



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Parent Item Name: Float Skidtube Installation

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IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev:B 06-06-08 As per DSI9336 JLM
IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

AN3C40A



BOLT

Purchased

No

110 Each

84.0000 2.0000



10-7-20 SF

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

Main Warehouse

ST	84
106176	34
112454	50

110 Each 138.0000 3.0000



10-7-20 SF

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

OFFSHORE

FG	4
103324	4

Main Warehouse

ST	134
112431	34
112829	100



AN3C41A



BOLT

Purchased

No

110 Each

138.0000 3.0000



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W/O:		WORK ORDER CHANGES						
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56722



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 IPP Rev:B 06-06-08 As per DSI9336 JLM
 IPP Rev:C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

AN3C42A



BOLT

Purchased No 110 Each

132.0000 3.0000

10-2-2008

Warehouse
Location

Main Warehouse

ST
106169
106176
32
100

Loc Qty

Loc Code

AN3C43A



BOLT

Purchased No 110 Each

45.0000 3.0000

3
M114330

10-7-2008

Warehouse
Location

Main Warehouse

ST
106227
106228
107457
45
2
35
8

Loc Qty

Loc Code

AN3C44A



BOLT

Purchased No 110 Each

173.0000 9.0000

10-7-2008

SP

Warehouse
Location

Main Warehouse

ST
106187
110848
173
73
100

Loc Qty

Loc Code

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

AN3C47A



BOLT

Purchased

No

110

Each

111.0000

10.0000



10-7-20

SP

Warehouse

Location

Main Warehouse

ST

Loc Qty

Loc Code

111

106171
110847

62

49

10

AN4C47A



Bolt

Purchased

No

110

Each

110.0000

4.0000



1115231

3
M115030

10-7-2005

Warehouse

Location

Main Warehouse

ST

Loc Qty

Loc Code

110

112489
112816
113164
113302

2

3

5

100

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Parent Item Name: Float Skidtube Installation

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IPP Rev: B 06-06-08 As per DSI9336 JLM
IPP Rev: C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

AN4C52A



BOLT

Purchased No 110 Each

184.0000 8.0000



16-7-20

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Main Warehouse

ST	184	
103914	19	
112543	15	
112641	50	
<u>113121</u>	100	

Purchased No 110 Each

611.0000 16.0000



16-7-20

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

OFFSHORE

FG	4	
103344	4	

Main Warehouse

ST	607	
111295	0	
112759	25	
112794	82	
<u>113121</u>	500	

AN4C6A



Bolt

Purchased No 110 Each

611.0000 16.0000



16-7-20

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DGA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56722



Parent Item: D412-742-011



Parent Item Name: Float Skidtube Installation

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev: B 06-06-08 As per DSI9336 JLM
IPP Rev: C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

AN4C7A
 Bolt

Purchased No 110 Each

431.0000 4.0000

107-205

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Main Warehouse

ST 431

431

110 Each

99.0000 8.0000

107-205

AN6C12A
 BOLT

Purchased No 110 Each

99.0000 8.0000

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Main Warehouse

ST 99

104289 1

110396 98

107-205

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56722



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Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
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 IPP Rev: C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

AN960C10L

Purchased

No

110 Each

388.0000 66.0000



W115000

10-7-2009

washer NAS1149C0332L

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

OFFSHORE

FG 100

103585 100

Main Warehouse

ST 288

112116 128

112612 160

AN960C416L

Purchased

No

110 Each

1,314.000 32.0000



10-7-20

SL

WASHER

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

OFFSHORE

FG 44

104925 44

Main Warehouse

ST 1270

111916 2

112612 368

112794 500

112828 400

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 56722



Parent Item: D412-742-011



Parent Item Name: Float Skidtube Installation

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev:B 06-06-08 As per DSI9336 JLM
IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Start Qty: 1.00

Required Date: 17/03/2010

Required Qty: 1.00

AN960C616L



WASHER

Purchased No

110 Each

250.0000



8.0000

10-7-2010

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Main Warehouse

ST	250	
111424	50	
113064	200	

Manufactured No

110 Each

22.0000



1.0000

8

8

859298

10-7-1910

D2571



Saddle, Fwd Out 205

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Main Warehouse

ST	14	
11644	1	
43564	3	
47564	7	
52910	3	

Main Warehouse

ST433	8	
54929	8	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 56722



Parent Item: D412-742-011



Parent Item Name: Float Skidtube Installation

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DS19336 JLM
 IPP Rev:C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Start Qty: 1.00

Required Date: 17/03/2010

Required Qty: 1.00

D2572



Saddle, Fwd In 205

Manufactured No

110 Each

12.0000 1.0000

BS9300

10/7/1981

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 12

43565 3

52908 9

D2573



Saddle, Aft Out 205

Manufactured No

110 Each

25.0000 1.0000

BS9301

10/7/1981

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST 11

43566 3

44206 1

47566 7

Main Warehouse

ST434 14

52328 6

52911 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56722



Parent Item: D412-742-011



Parent Item Name: Float Skidtube Installation

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IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev: B 06-06-08 As per DSI9336 JLM
IPP Rev: C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Start Qty: 1.00

Required Date: 17/03/2010

Required Qty: 1.00

D2574



Saddle, Aft In 205

Manufactured No

110 Each

17.0000 1.0000

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

Main Warehouse

ST 2

43567 2

Main Warehouse

ST434 15

53463 7

56398 8

B39882 10-7-1980

D2747



Set Screw

Manufactured No

110 Each

229.0000 4.0000

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

Main Warehouse

ST023 229

39224 4

43855 25

51921 200

10-7-2009

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
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IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

D2876



Saddle Spacer

Manufactured No

110 Each

149.0000 2.0000



16.7.20 SF

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

Main Warehouse

ST028 102

42364 102

Main Warehouse

ST051 47

51540 47

Manufactured No

110 Each

80.0000 2.0000



BS8531

10.7.20 SF

D2877



Saddle Spacer

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
------------------	----------------	-----------------

Location

Main Warehouse

ST028 80

46518 1

47292 42

51541 37

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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IPP Rev:B 06-06-08 As per DSI9336 JLM
IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Start Qty: 1.00

Required Date: 17/03/2010

Required Qty: 1.00

D3403-1



Bushing

Manufactured No

110 Each

45.0000 16.0000



14



22

BS6856 591P

10.2.20

Warehouse Location

Main Warehouse

ST	18
54237	5
56387	13

Main Warehouse

ST55	27
56387	27

D3403-3



Bushing

Manufactured No

110 Each

24.0000 8.0000



14



22

BS6857 10.2.20

Warehouse Location

Main Warehouse

ST	24
52900	24

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Parent Item Name: Float Skidtube Installation



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IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010

Start Qty: 1.00

Required Date: 17/03/2010

Required Qty: 1.00

D3405-041



Lug Assembly

Manufactured No 110 Each

17.0000 1.0000



59628

10-7-9 sf

Warehouse
Location

Main Warehouse

ST 17

53887 17

Each

Loc Code

Manufactured No

8.0000 1.0000



59629

10/1/18 sf

D3405-043



Lug Assembly

Warehouse
Location

Main Warehouse

ST 8

46589 1

46863 1

52324 1

53888 5

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W/O:		WORK ORDER CHANGES					
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:49 AM

Work Order ID: 56722

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM
 IPP Rev:C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC

D3407-041



Tow Ring



Manufactured No

110 Each

Start Date: 05/03/2010

Start Qty: 1.00

Required Date: 17/03/2010

Required Qty: 1.00

58755

10/7/1928

Warehouse Loc Qty Loc Code

OFFSHORE

FG

3

35780

3

Main Warehouse

ST

3

48356

1

50755

2

Main Warehouse

ST464

6

55032

6

Manufactured No

110 Each

105.0000 2.0000

Warehouse Loc Qty Loc Code

Main Warehouse

ST

105

42176

2

44349

22

51648

28

53182

53

D3417-3



Washer

March 5, 2010 9:59:49 AM

Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:49 AM

Work Order ID: 56722

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DS19336 JLM
 IPP Rev: C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC



Page 93

Start Date: 05/03/2010
 Start Qty: 1.00

Required Date: 17/03/2010
 Required Qty: 1.00

D3456-1



Washer

Manufactured No

110 Each

172.0000 1.0000



10-7-2010

Loc Code

Warehouse
Location

Main Warehouse

ST

51653
54692

Loc Qty

172

4

168

110 Each

168.0000 2.0000



10-7-2010

Loc Code

Warehouse
Location

Main Warehouse

ST

51602

Loc Qty

168

110

Each

39.0000

16.0000



3
DS8046 10-7-2010

D3672-11



Phenolic Washer

Manufactured No

168

110

Each

39.0000

16.0000

Warehouse
Location

Main Warehouse

ST

35524

Loc Qty

39

39

Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:49 AM

Work Order ID: 56722

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM
 IPP Rev:C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 een 1053P EC



Start Date: 05/03/2010
 Start Qty: 1.00

Required Date: 17/03/2010
 Required Qty: 1.00

D3672-3



Phenolic Washer

Manufactured No

110 Each 524.0000 32.0000



B 57704 16.7.2009

Warehouse
Location

Main Warehouse

ST117 24

51596 24

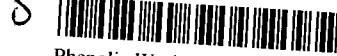
Main Warehouse

ST77 500

55560 500

Loc Code

D3672-9



Phenolic Washer

Manufactured No

110 Each 491.0000 8.0000



10.7.2009

Warehouse
Location

Main Warehouse

ST 491

35523 491

Loc Code

D412-742-015



Electric Step

Manufactured No

110 Each 3.0000 1.0000



10.7.2009

Warehouse
Location

Main Warehouse

FG 3

35939 3

Loc Code

March 5, 2010 9:59:49 AM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 5, 2010 9:59:49 AM

Work Order ID: 56722

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev:B 06-06-08 As per DSI9336 JLM
IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC

Start Date: 05/03/2010
Start Qty: 1.00

Required Date: 17/03/2010
Required Qty: 1.00

D412-742-041



Replacement Float Skidtube

MS21043-4

Nut

Manufactured No

110 Each

0.0000 41.0000

Purchased No

110 Each

374.0000 29.0000

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	40	
104603	40	
Main Warehouse		
ST	334	
112314	100	
112492	11	
113064	223	

March 5, 2010 9:59:49 AM

Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.0 PARTS LIST

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT
			1	D3391-041	412 FLOAT SKIDTUBE
1		*24		*AN3C4A	*BOLT
3		*12		*AN3C6A	*BOLT
4		*8		*AN3C7A	*BOLT
5		*44		*AN960C10L	*WASHER
6		*4		*MS27039C4-12	*SCREW
7A		*4		*D3672-3	*WASHER (REPLACES NAS1515H4L)
7B		*4		*AN960C416L	*WASHER
21A		*1		*D3564-1	*WEARSHOE (REPLACES D3460-1)
21B		*1		*D3566-1	*GASKET
22A		*1		*D3564-3	*WEARSHOE (REPLACES D3460-3)
22B		*1		*D3566-1	*GASKET
23A		*1		*D3564-5	*WEARSHOE (REPLACES D2577-5)
23B		*1		*D3566-5	*GASKET
10		*4		*D3391-011	*412 FORWARD TUBE
11		**1		**D3401-041	**TOW CAP
12A		**10		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
12B		**2		**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB166)
13		**10		**AN3C4A	**BOLT
14A		**4		**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10		**AN960C10L	**WASHER
24A		**1		**D3564-13	**WEARSHOE
24B		**1		**D3566-13	**GASKET
20		*1		*D3391-013	*412 MID TUBE
28		**24		**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1		*D3391-015	*412 AFT TUBE
25A		**1		**D3537-1	**WEARPAD
25B		**1		**D3553-1	**GASKET
26A		**1		**D3537-7	**WEARPAD
26B		**1		**D3553-3	**GASKET
31		**1		**D2646	**AFT CAP
32		**14		**AELS-1032-130	**INSERT
36		**12		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6		**AN3C4A	**BOLT
37B		**4		**AN3C5A	**BOLT
38A		**2		**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10		**AN960C10L	**WASHER
39		**4		**ALS4-428-165	**INSERT (REPLACES NAS1330S4KB151)

(CONTINUED ON PAGE 17)

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Revision: D

Date: 07.10.04

(CONTINUED FROM PAGE 16)

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
40	1			D2571	SADDLE, FWD OUTSIDE
41	1			D2572	SADDLE, FWD INSIDE
42	1			D2573	SADDLE, AFT OUTSIDE
43	1			D2574	SADDLE, AFT INSIDE
44	2			D2876	SADDLE SPACER
45	2			D2877	SADDLE SPACER
46	16			D3403-1	BUSHING
47A	4			D2747	SET SCREW
47B	2			D3533-1	SET SCREW
48	16			AN4C6A	BOLT
49	8			AN4C52A	BOLT
50	8			AN6C12A	BOLT
51A	32			D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32			AN960C416L	WASHER
52A	8			D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8			AN960C616L	WASHER
53	16			D3672-11	WASHER (REPLACES NAS1515H7L)
54	24			MS21043-4	NUT
55	4			AN4C7A	BOLT
60	8			D3403-3	BUSHING
61	1			D3405-041	GHW LUG
62	1			D3405-043	GHW LUG
63	4			AN4C46A	BOLT
64	4			MS21043-4	NUT
70	1			D3407-041	TOW RING
71	2			D3417-3	WASHER
72	1			MS21043-4	NUT
73	1			D3456-1	WASHER
80		1		D2913	DOUBLER
81	***4			***ALS4-428-165	***INSERT (REPLACES NAS1329S4KB140)
82	***4			***AELS-1032-130	***INSERT (REPLACES NAS1330S3KB116)
83		2		MS21043-4	NUT
84		2		MS24693-C272	SCREW
85		1		MS35489-35	GROMMET
86		1		MS35489-93	GROMMET
87	***4			***MS27039C1-09	***SCREW
88	***4			***MS27039C4-08	***SCREW
89A	***4	2		***D3672-1	***WASHER (REPLACES NAS1515H3L)
89B	***4	2		***AN960C10L	***WASHER
90A	***4			***D3672-3	***WASHER (REPLACES NAS1515H4L)
90B	***4			***AN960C416L	***WASHER
91	3			AN3C37A	BOLT
92	2			AN3C40A	BOLT
93	3			AN3C41A	BOLT
94	3			AN3C42A	BOLT
95	3			AN3C43A	BOLT
96	9			AN3C44A	BOLT
98	10			AN3C47A	BOLT
99	66			AN960C10L	WASHER
100	33			MS21043-3	NUT

*DENOTES PART IS INCLUDED WITH D3391-041 ASSEMBLY ABOVE

**DENOTES THAT PART IS INCLUDED ABOVE ASSEMBLY

***DENOTES THAT PART IS INCLUDED WITH D3391-013

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Revision: D

Date: 07.10.04

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 3.

REF. FAA STC: SR01583SE

REF. CANADIAN STC: SH05-37

REF. EASA STC: EASA.IM.R.S.01126

REFERENCE

S

INSTRUCTIONS:

1) FOR D412-742-011/-013 SKIDTUBES @ CHANGE 006 AND SUBSEQUENT, UPDATE THE PARTS LIST TO MODIFY THE BOLT USED TO ATTACH THE GHW LUG AS FOLLOWS:

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List
32.15 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

ITEM	Qty -011	Qty -041	Qty -015	PART NUMBER	DESCRIPTION
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
1	X			D412-742-041	FLOAT SKIDTUBE
1		X		D412-742-015	ELECTRIC STEP KIT

IS:

63	4		AN4C47A	/	BOLT
----	---	--	---------	---	------

WAS:

63	4		AN4C46A		BOLT
----	---	--	---------	--	------

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List
32.16 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

ITEM	Qty -013	Qty 043	PART NUMBER	DESCRIPTION
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
1	X		D412-742-043	FLOAT SKIDTUBE

IS:

63	4		AN4C47A	/	BOLT
----	---	--	---------	---	------

WAS:

63	4		AN4C46A		BOLT
----	---	--	---------	--	------

A	NEW ISSUE		AJS	08.12.19	
REV.	DESCRIPTION			BY	DATE
DESIGN	AJS	DART AEROSPACE USA, INC PORT HADLOCK, WA			REV. A SHEET 1 OF 1
DRAWN	AJS				
CHECKED	AJS				
MFG. APPR.	N/A				
APPROVED	AJS				
DE APPR.	AJS				
DATE	08.12.19			SCALE	NTS
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